

QASP Amendment for 91-day Radon placement

TO-0005-09-02-01 - San Mateo Creek Basin Uranium Project

TO-0005-10-03-01-A - Oak Canyon (Laguna Pueblo)

October 21, 2010

START will place long term (91-day) alpha track etch radon detectors into homes that had readings above 4 pCi/L of Ra-222 during the 7-day radon sampling.

The Radon samplers will be placed using similar protocols as used during the 7-day Radon sampling described in the QASP. Radon samples will be collected from inside of the residence/related structure using alpha track etch samplers placed in two rooms per structure. The detectors will be placed in the lowest lived-in level of the structure, not in kitchens, laundry rooms, or closets. The samplers should not be located near drafts caused by HVAC systems, doors, fans, or windows. The samplers will be placed 4-7 feet above the ground. The samplers will be attached to walls or ceilings using tape or wire hangers. Duplicates, or collocated samplers will be collected on approximately 10% of the samples.

START-3 will return at the end of the monitoring period to collect the monitors, place them into "Ziploc"-type plastic bags according to the laboratory's instructions, and send them with necessary documentation to the laboratory for analysis. The collection time on the long-term samplers is not as rigid as on the 7-day, and they need not be collected exactly 91 days after being placed, however, they will be collected as close to 91 days as practical.



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